

10/587,807

O.K. TO ENTER 5/4/10
REINCE - 4/23/10

~~DO NOT ENTER -- /MLS/~~

~~April 19th, 2010~~

In the Claims

1. (Cancelled)
2. (Currently Amended) A martensitic stainless steel seamless pipe containing:
 - less than about 0.0100% of C;
 - less than about 0.0100% of N;
 - about 10% to about 14% of Cr;
 - about 4% to about 7% of Ni;
 - about 0.05% to about 1.0% of Si;
 - about 0.1% to about 2.0% of Mn;
 - about 0.3% or less of P;
 - about 0.010% or less of S;
 - about 0.001% to about 0.10% of Al;
 - one or more selected from the group consisting of about 4% or less of Cu, about 4% or less of Co, about 4% or less of Mo, and about 4% or less of W; and
 - one or more selected from the group consisting of about 0.15% or less of Ti, about 0.10% or less of Nb, about 0.10% or less of V, about 0.10% or less of Zr, about 0.20% or less of Hf, and about 0.20% or less of Ta on a mass basis, the remainder being Fe and unavoidable impurities, wherein the content C_{sol} defined by the following equation (1) is equal to or less than 0.0050%:

$$C_{sol} = C - 1/3 \times C_{pre} \quad (1)$$

where $C_{pre} = 12.0 \{Ti/47.9 + 1/2 (Nb/92.9 + Zr/91.2) + 1/3 (V/50.9 + Hf/178.5 + Ta/180.9) - N/14.0\}$ or $C_{pre} = 0$ when $C_{pre} < 0$, where C represents the carbon content, Ti represents the titanium content, Nb represents the niobium content, Zr represents the zirconium